Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
Data File : BM045609.D
Acq On : 27 Apr 2024 12:54
Operator : MA/JU
Sample : P2203-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 22:53:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
E1CW8DL

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.538 | 152 | 688 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.309 | 136 | 1844 | 0.400 | ng/ul | #-0.02 |
| 9) Acenaphthene-d10 | 14.191 | 164 | 991 | 0.400 | ng/ul | -0.02 |
| 13) Phenanthrene-d10 | 16.954 | 188 | 2008 | 0.400 | ng/ul | #-0.03 |
| 17) Chrysene-d12 | 21.172 | 240 | 1644 | 0.400 | ng/ul | #-0.02 |
| 23) Perylene-d12 | 23.355 | 264 | 2262m | 0.400 | ng/ul | -0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.163 | 96 | 1344 | 1.457 | ng/ul | -0.01 |
| 6) 2-Methylnaphthalene-d10 | 11.914 | 152 | 281 | 0.116 | ng/ul | -0.02 |
| 18) Fluoranthene-d10 | 18.996 | 212 | 560 | 0.108 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.358 | 128 | 4264 | 0.861 | ng/ul# | 90 |
| 7) 2-Methylnaphthalene | 11.986 | 142 | 2120 | 0.750 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.206 | 142 | 1190 | 0.375 | ng/ul | 97 |
| 10) Acenaphthylene | 13.909 | 152 | 1851 | 0.379 | ng/ul | 93 |
| 11) Acenaphthene | 14.251 | 153 | 340 | 0.094 | ng/ul# | 89 |
| 12) Fluorene | 15.255 | 166 | 943 | 0.243 | ng/ul# | 94 |
| 15) Phenanthrene | 16.997 | 178 | 11360 | 1.943 | ng/ul | 95 |
| 16) Anthracene | 17.090 | 178 | 2585 | 0.472 | ng/ul | 95 |
| 19) Fluoranthene | 19.029 | 202 | 17117 | 2.256 | ng/ul# | 90 |
| 20) Pyrene | 19.391 | 202 | 17285 | 2.217 | ng/ul# | 94 |
| 21) Benzo(a)anthracene | 21.158 | 228 | 9856 | 1.876 | ng/ul | 98 |
| 22) Chrysene | 21.210 | 228 | 11805 | 1.461 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 22.706 | 252 | 23006 | 3.024 | ng/ul | 90 |
| 25) Benzo(k)fluoranthene | 22.747 | 252 | 7719m | 0.803 | ng/ul | |
| 26) Benzo(a)pyrene | 23.262 | 252 | 14705 | 1.863 | ng/ul# | 85 |
| 27) Indeno(1,2,3-cd)pyrene | 25.534 | 276 | 15594 | 1.360 | ng/ul# | 92 |
| 28) Dibenzo(a,h)anthracene | 25.541 | 278 | 4264 | 0.469 | ng/ul# | 72 |
| 29) Benzo(g,h,i)perylene | 26.198 | 276 | 17122 | 1.661 | ng/ul | 98 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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